| Index of Cla  | ims                    | Арр   | licatio | on/Control No. | Applicant(s)/Patent under Reexamination MIYAHISA ET AL. |          |  |  |  |
|---------------|------------------------|-------|---------|----------------|---|----------|--|--|--|
|               |                        | 10/8  | 23,86   | 3              |   |          |  |  |  |
|               | Exa                    | miner |         | Art Unit       |   |          |  |  |  |
| ##            |                        | Mar   | k Rut   | hkosky         |   | 1745     |  |  |  |
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| = Allowed     | ÷ Restricted           | _     |         | Interference   |   | Objected |  |  |  |

| CI   | aim      | Date     |          |         | Cla          | Claim Date   |          |  |  |           |          | 7        |          | aim               | _                       | Date                    |              |          |  |   |          |          |          |            |          |          |          |          |          |           |               |
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| ├─   | 1        | 1        | +        | +       | +-           | ╁            | ╬        | ╫                                      | ┿                                      | +         | <u> </u> | 51       | Н        | $\dashv$          | +                       | ╁                       | ┿            | ╁╌       | ⊢⊢   | ┥ | -        | 101      | -        | Н          | _        | $\vdash$ | _        | _        | $\dashv$ |           | _             |
| <del>                                     </del> | 2        | ŀ        | ╁        | +       | +            | +            | ╁        | ╁                                      | ╫                                      | H         | -        | 52       |          | $\dashv$          |                         |                         | ╫            | ╫        | <del>                                     </del> | 4 |          | 102      |          | Н          |          |          |          |          |          | $\dashv$  |               |
| <del></del>                                      | 3        | H        | ╁        | ╁       | ╫            | ╁            | ╁        | +                                      | ╁                                      | Н         | $\vdash$ | 53       | Н        | $\dashv$          | +                       | +                       | ╁╴           | +        | $\vdash$   | - | <u> </u> | 103      | $\vdash$ | Н          | $\vdash$ | _        | _        | -        | $\dashv$ |           |               |
|  | 4        | Н        | +        | +       | +            | ╁            | ╁        | ╁                                      | ╁╴                                     | Н         | -        | 54       | Н        | $\dashv$          | -ŀ                      | +                       | ╁            | ╁        | $\vdash$   | - |          | 103      | Н        | Н          | Н        |          | $\vdash$ | _        | $\dashv$ | $\dashv$  |               |
|  | 5        | H        | ╁        | ╅       | +            | ╈            | +        | ╁                                      | ╁╴                                     | Н         |          | 55       | H        | $\dashv$          | -                       | ╅                       | ┿            | ╁        | ╁  | - | <b>—</b> | 105      | Н        | Н          | H        |          |          | <b>-</b> | $\dashv$ |           | _             |
|  | 6        | H        | +        | +       | +            | +            | +        | +                                      | +                                      | $\vdash$  |          | 56       | Н        | $\dashv$          | -                       | ╅                       | +            | +-       | 1  | ┥ | <u> </u> | 106      | $\vdash$ | Н          | -        |          | -        | -        |          | -         | _             |
|  | 7        | H        | †        | ✝       | T            | t            | T        | +                                      | ╁                                      | $\vdash$  |          | 57       |          | $\dashv$          | -                       | +                       | +-           | +        |  | ┪ |          | 107      | _        | Н          | $\vdash$ |          |          | Н        | -        | $\dashv$  | _             |
| $\vdash$   | 8        | H        | +        | †       | ╅            | ✝            | T        | 十                                      | ╁╌                                     | $\vdash$  |          | 58       | Н        | $\dashv$          | $\dashv$                | +                       | ╁            | +        | <del>   </del>                                   | - | <b>—</b> | 108      |          | Н          | $\vdash$ | Н        | -        |          |          | $\dashv$  | _             |
|  | 9        | Н        | ✝        | T       | $^{\dagger}$ | ✝            | +        | +                                      | T                                      | П         |          | 59       | $\vdash$ | 十                 | $\dashv$                | +                       | +-           | 1        |  | ┪ | -        | 109      |          | Н          |          | Н        | -        | -        | $\dashv$ | $\dashv$  | _             |
|  | 10       | H        | t        | T       | +            | 十            | +-       | +                                      | T                                      | $\Box$    |          | 60       | H        | <b>-</b> †        | $\dashv$                | +                       | +-           | t        | $\vdash$   | ┪ | -        | 110      |          | Н          | Н        |          |          |          | $\dashv$ | $\dashv$  | _             |
|  | 11       | H        | †        | $\top$  | +-           | T            | T        | 1                                      | T                                      | $\Box$    |          | 61       | Н        | _                 | $\dashv$                | +                       | +            | +-       |  | 1 | -        | 111      |          | Н          | Н        | Н        |          | $\vdash$ | $\dashv$ | $\dashv$  |               |
|  | 12       | H        | T        | +       | 1            | $\top$       | $\top$   | $\top$                                 | 1                                      | $\sqcap$  |          | 62       | H        | $\dashv$          | $\dashv$                | +                       | +            | 1        | $\vdash$   | 1 | <b> </b> | 112      | $\vdash$ | H          | Н        | Н        | $\vdash$ | Н        |          | $\dashv$  | -             |
|  | 13       | ΠŤ       | T        | 1       | 1            | $\top$       | $\top$   | $\top$                                 | 1                                      | $\Box$    |          | 63       | Н        | 寸                 | $\dashv$                | $\top$                  | +-           | $\top$   |  | 7 |          | 113      | Н        | $\vdash$   | Н        | $\vdash$ | $\vdash$ | Н        | $\dashv$ | $\dashv$  |               |
|  | 14       | IT       | Τ        | T       | 1            | $\top$       | 1        | 1                                      | $\top$                                 | П         |          | 64       | $\vdash$ | $\dashv$          | +                       | +                       | $\top$       | T        |  | ┪ |          | 114      | $\vdash$ | $\vdash$   |          | Н        |          | $\vdash$ | $\dashv$ | $\dashv$  | _             |
|  | 15       | Π        | Т        | T       | $\top$       | T            | 1        | †                                      |  | П         |          | 65       | $\sqcap$ | $\dashv$          | $\dashv$                | _                       | $\top$       | T        |  | 7 |          | 115      | Н        | $\vdash$   |          |          |          | Н        | $\dashv$ | $\dashv$  | _             |
|  | 16       | Π        | T        | 十       | $\top$       | $\top$       | $\top$   | 1                                      | 1                                      | П         |          | 66       | $\sqcap$ | $\dashv$          | +                       | ╅                       | +            | +        | - -  | 7 |          | 116      | $\vdash$ | $\vdash$   | $\vdash$ |          |          | $\vdash$ | -        | $\dashv$  | _             |
|  | 17       | П        | Т        | 7       | T            | T            | Ť        | 1                                      | T                                      | П         |          | 67       | $\Box$   | $\dashv$          |                         | $\top$                  | $\top$       | $\top$   |  | 7 |          | 117      | П        | Н          |          |          |          | Н        | $\dashv$ | $\dashv$  | _             |
|  | 18       | П        | 1        | 1       | 1            | Т            | Τ        | 1                                      |  |           |          | 68       | П        | _                 | _                       | 7                       | $\top$       | 1        | $\vdash$   | 7 |          | 118      |          |            |          |          |          |          | 寸        | ヿ         |               |
|  | 19       | <b>V</b> | 1        | Τ       | 1            | T            |          | 1                                      |  | П         |          | 69       | П        | $\neg$            |                         | 7                       | 1            |          |  | 7 |          | 119      |          |            |          |          |          |          | 寸        | ヿ         | _             |
|  | 20       |          | Т        | Τ       | $\top$       |              | T        |  |  | П         |          | 70       |          | $\neg$            | $\neg$                  | 十                       | $\top$       | T        |  | 1 |          | 120      | $\neg$   |            |          |          | _        |          | $\neg$   | $\neg$    |               |
|  | 21       | Г        | Τ        | 7       | T            | Τ            | T        | T                                      | 1                                      | П         |          | 71       |          |                   | 7                       | $\top$                  | 1            | $\top$   |  | 7 |          | 121      |          | $\neg$     |          | $\neg$   | _        |          |          | ┪         | _             |
|  | 22       |          | Т        | 1       | Т            | T            | Т        | Т                                      |  |           |          | 72       |          |                   |                         | T                       | T            | T        |  | 7 |          | 122      |          | $\Box$     |          |          |          |          | 寸        | $\neg$    | _             |
|  | 23       |          | T        | 1       | Τ            | T            | T        |  |  | П         |          | 73       |          |                   | $\top$                  | 7                       | T            |          |  | 7 |          | 123      |          |            |          |          |          |          | $\dashv$ | ᅥ         | $\neg$        |
|  | 24       |          | П        | T       | Т            | T            | 1        | Т                                      |  | П         |          | 74       |          | $\neg$            |                         |                         | $\top$       | T        |  | 1 |          | 124      |          |            | $\neg$   | $\neg$   |          |          |          | 7         | $\overline{}$ |
|  | 25       |          |          | I       | Τ            |              |          | T                                      |  |           |          | 75       |          | $\neg$            |                         |                         | 1            |          |  | 7 |          | 125      |          | コ          |          |          |          |          | 寸        | $\neg$    |               |
|  | 26       |          |          | Τ       | Ī            |              | Т        | Т                                      |  |           |          | 76       |          | T                 |                         | 1                       | 1            |          |  | ٦ |          | 126      |          |            |          |          |          |          | $\neg$   | ヿ         |               |
|  | 27       |          |          |         | Т            | T            | T        | T                                      |  | $\Box$    |          | 77       |          |                   |                         |                         | 1            | T        |  | 7 |          | 127      |          | $\Box$     |          |          |          |          | $\neg$   | ヿ         | $\neg$        |
|  | 28       |          |          |         |              |              | Π        | T                                      |  |           |          | 78       |          |                   |                         | ┱                       | 1            | T        |  | 7 |          | 128      |          | $\neg$     |          |          |          |          | 寸        | $\neg$    |               |
|  | 29       |          |          |         |              |              |          |  |  |           |          | 79       |          |                   |                         |                         | T            | 1        |  | ٦ |          | 129      |          |            |          |          |          |          | $\neg$   | $\neg$    | $\neg$        |
|  | 30       |          |          | L       |              |              |          |  |  |           |          | 80       |          |                   |                         | 7                       |              |          |  | 7 |          | 130      |          |            |          |          |          |          |          | $\neg$    |               |
|  | 31       |          |          |         |              |              |          |  |  |           |          | 81       |          |                   |                         | •                       | ┰            |          |  | 7 |          | 131      |          |            |          |          |          |          |          | $\neg$    | $\neg$        |
|  | 32       |          |          | L       |              |              |          |  |  |           |          | 82       |          |                   |                         |                         |              |          | П  | 7 |          | 132      |          |            |          | $\neg$   |          | T        | $\Box$   | $\exists$ |               |
|  | 33       |          |          |         |              | $\perp$      |          |  |  |           |          | 83       |          |                   | $\neg \Gamma$           |                         | П            |          |  | 7 |          | 133      |          |            | ٦        |          |          |          |          | $\exists$ |               |
|  | 34       | Ĺ        | L        | L       |              |              | L        |  | $oxedsymbol{oxed}$                     |           |          | 84       |          | $\Box$            |                         |                         | $oxed{\Box}$ |          |  |   |          | 134      |          |            |          |          |          |          |          |           |               |
|  | 35       |          | L        |         |              |              |          |  | 匚                                      |           |          | 85       |          |                   | $oxed{\Box}$            | $oldsymbol{\mathbb{L}}$ |              |          |  |   |          | 135      |          |            |          |          |          |          |          |           |               |
|  | 36       |          | L        |         | $\perp$      |              | L        |  |  |           |          | 86       |          |                   | $oldsymbol{\mathbb{I}}$ | $oldsymbol{\mathbb{L}}$ |              |          |  |   |          | 136      |          |            |          |          |          |          |          | $\Box$    |               |
|  | 37       |          | L        |         | $\perp$      | L            | L        |  | $\perp$                                | $\square$ |          | 87       | $\Box$   | $\bot$            | $\bot \Gamma$           |                         |              |          |  |   |          | 137      |          |            |          |          |          |          |          |           |               |
|  | 38       |          | L        | $\perp$ | $\perp$      |              | L        |  | $oxedsymbol{oxed}$                     |           |          | 88       |          | $oldsymbol{\bot}$ |                         | $\perp$                 | $\perp$      |          |  |   |          | 138      |          |            |          |          |          |          |          | $\Box$    |               |
|  | 39       |          | $\perp$  | $\perp$ | 1            | 1_           | 1        | <u> </u>                               | $oxed{\Box}$                           | $\Box$    |          | 89       |          |                   |                         | $\prod$                 |              | $\Box$   |  | ] |          | 139      | $\Box$   |            |          |          |          |          | J        | $\Box$    |               |
|  | 40       |          | L        | 丰       | $\perp$      | <b> </b> _   | $\perp$  | 1                                      | _                                      | Ш         |          | 90       |          |                   |                         |                         |              | $\Box$   |  | ⅃ |          | 140      |          |            |          |          | $\Box$   |          |          | $\Box$    |               |
|  | 41       | _        | L        | _       | $\perp$      | _            | <u> </u> | 1_                                     | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | Ш         | $\perp$  | 91       | $\Box$   | _[                |                         |                         |              |          |  |   |          | 141      |          | $\Box$     |          |          |          | ┚        |          | J         |               |
|  | 42       |          | L        | 1_      | $\perp$      | _            | <u> </u> | _                                      | oxdot                                  |           |          | 92       | _[       | $\perp$           |                         |                         |              | $\Box$   |  | ╛ |          | 142      |          |            |          |          |          |          |          | $\Box$    |               |
|  | 43       | _        | 1        | ╄-      | ╀            | <u> </u>     | 1        | ↓_                                     | <u> </u>                               | Щ         |          | 93       |          | _                 | $\bot$                  | 4                       | 1            | $\sqcup$ |  | _ | $\Box$   | 143      |          |            | [        | $\Box$   |          |          | $\Box$   | $\Box$    |               |
|  | 44       | _        | <u> </u> | 1       | ╀            | ↓_           | ـ        | <del> </del> _                         | <b> </b>                               | $\Box$    | $\vdash$ | 94       | _ļ       | _                 | $\perp$                 | ╀                       | ╀            | Ш        |  | 4 | $\sqcup$ | 144      | _        | $ \bot $   |          | ]        |          |          | $\perp$  | $\bot$    |               |
|  | 45       |          | ┡        | ╀       | ╀            |              | 1        | ↓_                                     | L                                      | Ш         | $\vdash$ | 95       | _        | _                 | 4                       | $\bot$                  | ┷            | Ш        |  | _ |          | 145      |          |            |          | _        | $\Box$   | $ \bot $ | _[       | _[        |               |
|  | 46       | _        | L        | $\perp$ | 4            | ↓_           |          | 1_                                     | <u> </u>                               | Ш         |          | 96       | _        | _                 |                         | $\bot$                  | $\perp$      | Ш        |  | _ |          | 146      | $\Box$   | ┙          |          |          |          |          | $\bot$   | $\perp$   |               |
|  | 47       |          | <u> </u> | ╄       | ↓_           | ╄            | ╄        | ↓_                                     | _                                      |           | $\vdash$ | 97       | _        | _                 | $\perp$                 | $\bot$                  | $\perp$      | Ш        | _  | 4 |          | 147      |          |            |          | _        |          | _ ]      | $\Box$   | $\Box$    |               |
|  | 48       |          | $\vdash$ | ╄       | 1            | 1_           | _        | 1_                                     | L_                                     | Щ         |          | 98       | _        | 4                 | _                       | 4                       | 1            | Ш        | $\perp \downarrow$                               | 1 | $\Box$   | 148      | $\Box$   | ┙          |          |          | !        |          |          | _[        |               |
|  | 49       |          | _        | ╄       | 1_           | <del> </del> | ـ        | ــــــــــــــــــــــــــــــــــــــ | $\vdash$                               | $\Box$    |          | 99       | 4        | _                 | $\perp$                 | $\bot$                  | $\perp$      | Ш        |  | _ | $\Box$   | 149      |          | $\perp$    |          | [        | l        | [        | _[       | _[        |               |
|  | 50       |          | L        | L       |              | 丄            | L.       | L.                                     | L.,                                    |           |          | 100      |          |                   |                         |                         | 1_           | L        |  | J | Ш        | 150      |          | $_{\perp}$ | - 1      | - 1      |          |          |          | _ [       | - 1           |